Rattler™ GX

Dismounted Miniature Coded Designator / Marker with Built-in LRF & DMC

Revolution in Designator Size, Weight and Power (SWaP)

The Rattler GX is a dismounted hand-held, man-portable target designator/marker equipped with LRF and digital compass. It enables warfighters to rapidly bring effective fire to bear on hostile targets. Its miniature size, weight and power (SWaP), facilitated by cutting edgediode-pumped technology, makes it body wearable and accessible for immediate use during TIC situations and CAS missions.

Rattler offers a new solution for:

- Close Air Support (CAS) Enhanced Target Engagement
- Ground Surface-to-Surface Precision Laser-Guided Munitions Target Engagement

Elbit Systems™ ISTAR

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Advantages

- Allows the pilot positive and accurate targeting from a greater distance
- Reduces sensor-shooter loop time
- Reduces the possibility of collateral damage
- Provide the user necessary information for CAS "9 line briefing format"

Operation by:

- Individual soldier, Troops In Contact (TIC)
- Joint Terminal Attack Controller (JTAC)
- Joint Forward Observer (JFO)

Main Features

Body wearable	Pouch attachment
Very lightweight	4.7 lbs (2.1 kg) incl. battery
Power source	Standard battery CR123 / rechargeable
Designation codes	Selectable
Direct View Optics Mag.	X 5.5
OLED display	Projected on scene
Laser Range Finder (LRF):	Up to 5000m (first/last return)
Digital Magnetic Compass (DMC)	Accuracy 1°
IR Pointer	0.83µm, 0.8W
Communication	External GPS/ targeting computer
Mounting options	Picatinny rail grabber (bottom) Picatinny rail for day & night sights
Accessories	External power cable, battery pack, operator manual, carrying case, code loader

Compatible with a variety of external GPS (DAGR)
- Data export capabilities (range, azimuth)
- Target coordinates calculation by external GPS

Technical Data

Repetition rate, max.	20 PPS, NATO STANAG 3733
Energy per pulse	27mj
Divergence	<0.4 mRad
Pulse width	15 nSec
Lasing time (per btry. set)	30 min @ room temp.
Operating temperature	
- Battery limitation	-10º to +49ºC
- External power	-30º to +49ºC
Operating ranges	
- Pointing	20 km
- Coded marking	6 km
- Target designation	3 km (NATO-size target) 5 km (building-size target)

Applications

- Target designation/marking
- Add-on designation capabilities to existing day/night observation sights

Rattler GX & CORAL-LS
Day/night designation/marking
with see-spot capability

Rattler GX & CORAL-CR
Day/night target acquisition
& designation/marking system

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